






## Square numbers – answers

1. 1 squared = 1, 2 squared = 4, 3 squared = 9, 4 squared = 16, 5 squared = 25, 6 squared = 36, 7 squared = 49, 8 squared = 64, 9 squared = 81, 10 squared = 100, 11 squared = 121, 12 squared = 144

2, 3, 4

**square numbers**

A square number can end only with digits 0, 1, 4, 6, 9, or 25.

4		$2^2$ or $2 \times 2 = 4$
9		$3^2$ or $3 \times 3 = 9$
16		$4^2$ or $4 \times 4 = 16$
25		$5^2$ or $5 \times 5 = 25$
36		$6^2$ or $6 \times 6 = 36$

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5. (a) 52 (b) 149 (c) 145 (d) 65 (e) 95

### Challenge

Square numbers that is the same written backwards and forwards: 121

$$13^2 = 169$$

$$14^2 = 196$$

$$15^2 = 225$$

$$16^2 = 256$$

$$17^2 = 289$$

$$18^2 = 324$$

$$19^2 = 361$$

$$20^2 = 400$$